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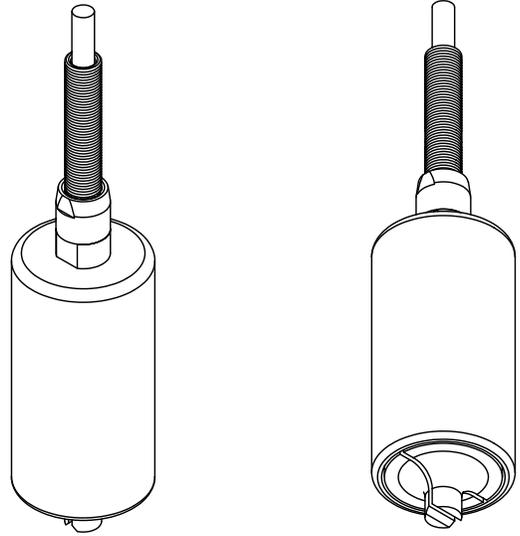
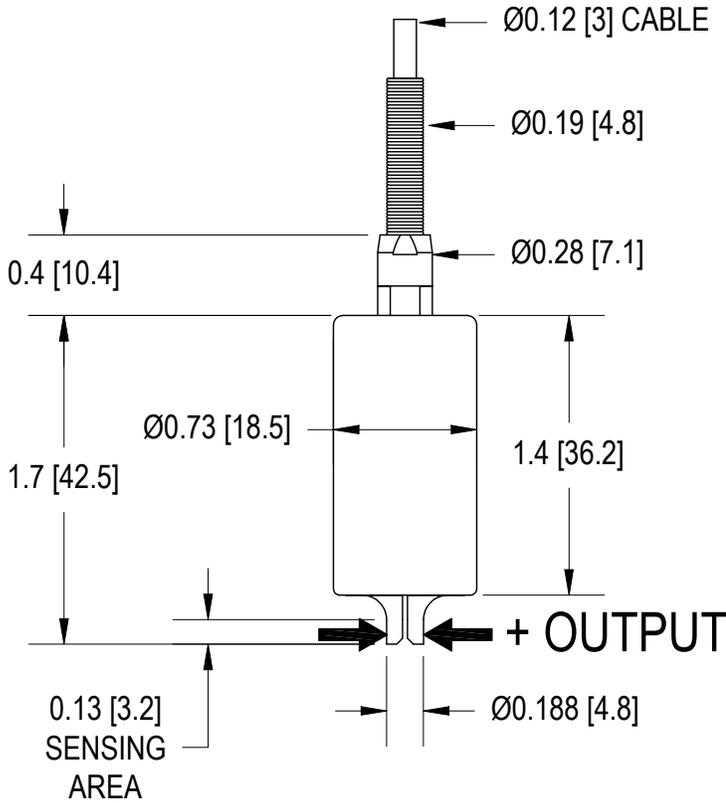
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FUTEK MODEL QLA340

COLLET FORCE MEASURING SENSOR

ITEM NUMBER: QSH01440

INCH [mm]		R.O.= Rated Output	
WIRING CODE			
+Excitation	-Excitation	+Signal	-Signal
RED	BLACK	GREEN	WHITE
Shield			
Floating			



SPECIFICATIONS:

RATED OUTPUT	2 mV/V nom.
CAPACITY	200 lb [890 N]
SAFE OVERLOAD	150% of R.O.
ZERO BALANCE	$\pm 3\%$ of R.O.
EXCITATION (VDC OR VAC)	15 max
BRIDGE RESISTANCE	1000 Ω nom
NONLINEARITY	$\pm 1\%$ of R.O.
NONREPEATABILITY	$\pm 0.25\%$ of R.O.
TEMP. SHIFT ZERO	$\pm 0.02\%$ of R.O./ $^{\circ}\text{F}$ (0.036% of R.O./ $^{\circ}\text{C}$)
TEMP. SHIFT SPAN	$\pm 0.02\%$ of LOAD/ $^{\circ}\text{F}$ (0.036% of LOAD/ $^{\circ}\text{C}$)
COMPENSATED TEMP.	60 to 160 $^{\circ}\text{F}$ (15 to 71 $^{\circ}\text{C}$)
OPERATING TEMP.	0 to 160 $^{\circ}\text{F}$ (-18 to 71 $^{\circ}\text{C}$)
MATERIAL	STAINLESS STEEL
CABLE: 26 AWG, 4 Conductor Braided Shield Teflon Cable, 10 ft [3 m] Long	

CUSTOMER APPROVAL-COMPANY

OUTLINE DRAWING

STANDARD NOTES: (Unless Otherwise Specified)

- ALL DIMENSIONS ARE IN INCHES
- DRAWING INTERPRETATION DIMS. PER ASME-Y14.5M
- REMOVE BURRS AND BREAK SHARP EDGES .005 - .015
- THREADS PER HANDBOOK H-28
- DIMENSIONS ARE SHOWN AFTER PLATING

ANGLE:
 $\pm 1/2^{\circ}$

CHAMFER:
 $\pm 5^{\circ}$

TOLERANCE:
.X ± 0.1
.XX ± 0.01
.XXX ± 0.005

3rd ANGLE PROJ.



CUSTOMER APPROVAL-NAME /DATE

REVISIONS: (Refer to dwg # revision sheet)
10-29-10

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FUTEK

CAGE: 1X8M6

MODEL: QLA340

DWG No.: F01275-A

DRAWN BY: R. WALKER

CHECKED BY: -

APPROVED BY: -

DATE: Sept 28, 2010